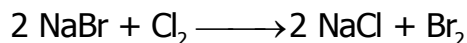


Name\_\_\_\_\_

Period\_\_\_\_\_ Date\_\_\_\_\_

**SHOW all work. No work no score!!!!**

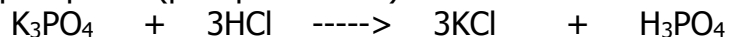
- 1) How many grams of sodium bromide are needed to make 50 grams of bromine gas from sodium bromide?



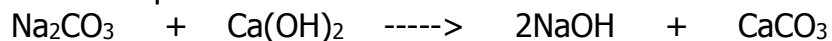
- 2) How many grams of potassium permanganate are needed to produce 1.75 moles of manganese chloride?



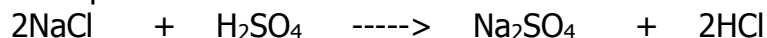
- 3) If 120 g of potassium phosphate react with hydrogen chloride, how many grams of hydrogen phosphate (phosphoric acid) are formed?



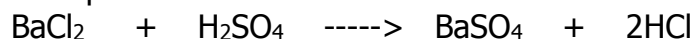
- 4) When 80.0 grams of sodium carbonate react with calcium hydroxide, what mass of calcium carbonate is produced?



- 5) If 90.0 grams of sodium chloride react with sulfuric acid, how many grams of sodium sulfate are produced?



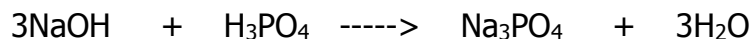
- 6) If 100.0 grams of barium chloride react with sulfuric acid, how many grams of barium sulfate are produced?



- 7) . How many grams of oxygen will be produced by decomposing 480 grams of potassium chlorate?



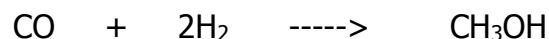
- 8) How many grams of sodium hydroxide will react with 150 grams of phosphoric acid?



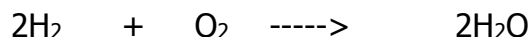
- 9) If 120 grams of mercury (II) oxide are decomposed by heat, what volume of oxygen is produced?



- 10) In the production of methanol, how many liters of hydrogen are needed to react with 500 liters of carbon monoxide?



- 11) To produce water, how many liters of oxygen are needed to react with 600 liters of hydrogen?



- 12) If 200 liters of propane are burned, what volume of carbon dioxide is produced?

